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ABSTRACT

DEVICE FOR INJECTION OF A PRODUCT,
IN PARTICULAR FOR MEDICAL USE

The present invention relates to a device (1) for injection of a product, comprising:

- a body (2) receiving a hollow injection needle (4) and a container (10) containing the product to be injected;
 - means (5 to 7; 28, 29) for holding the needle in position,
 - means (39, 41, 45) for holding the container (10) in position,; and
 - a piston (11) engaged in the container (10),
 - characterized in that it additionally comprises:
 - first actuating means (42) of means (5 à 7 ; 28, 29) for holding the needle (4) in position,
 - second actuating means (32) of means (39, 41, 45) for holding the container (10) in position,
- 5 - said first and second actuating means (42, 32) making it possible, at the end of the injection, to respectively release the means (5 à 7 ; 28, 29) for holding the needle (4) in position before, or
- 10 41, 45) for holding the container (10) in position,
- a container support (9) which is mounted slidably on the body (2) and is displaceable relative to the latter in order to perform the injection,

- means (3, 47, 48) for holding the container support (9) in position,
- means (49) actuating the release of the means (3, 20, 47, 48) for holding the container support (9) permitting injection in position.

Figure 1